

GENERAL CONSTRUCTION NOTES—RIVERDALE, MD

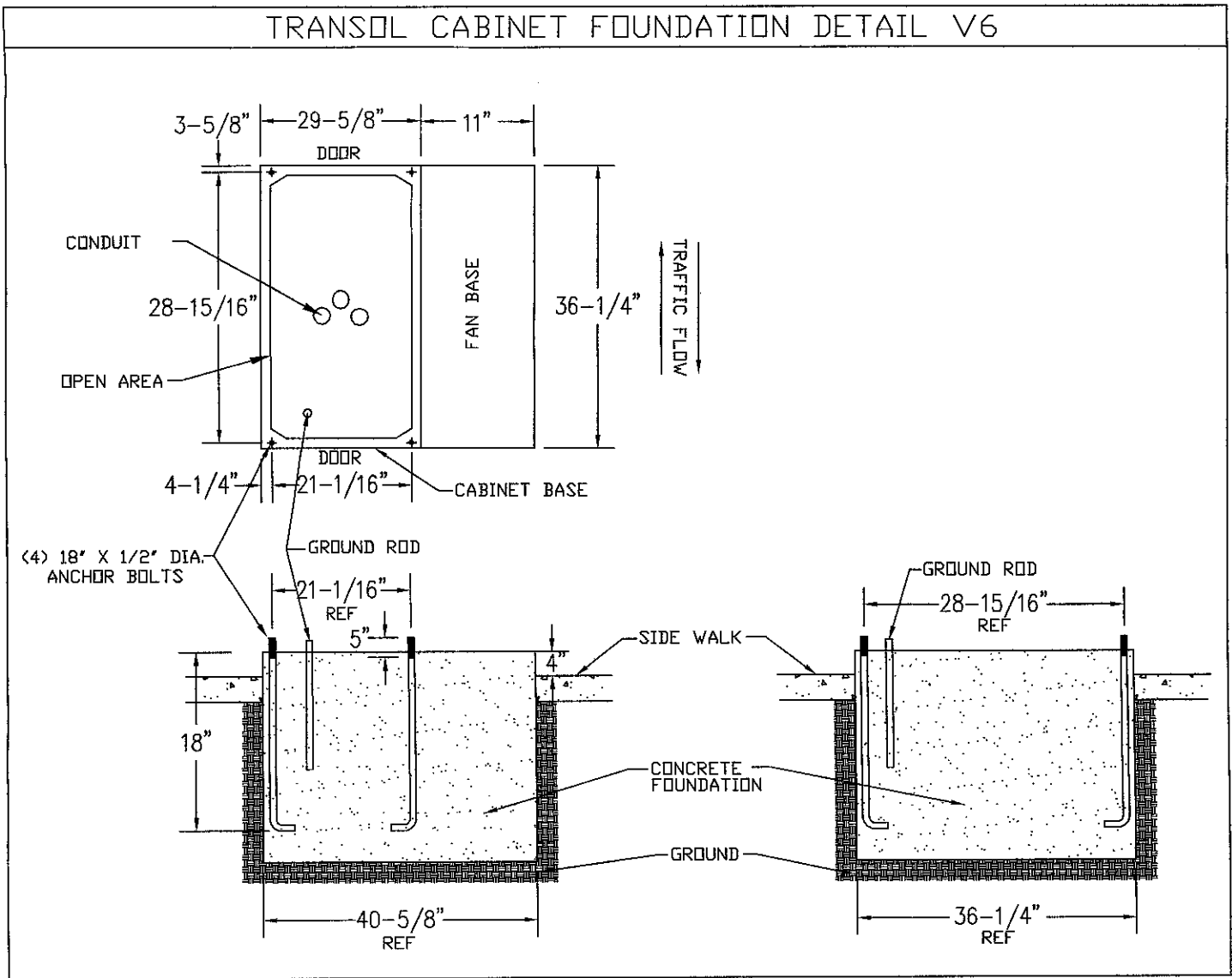
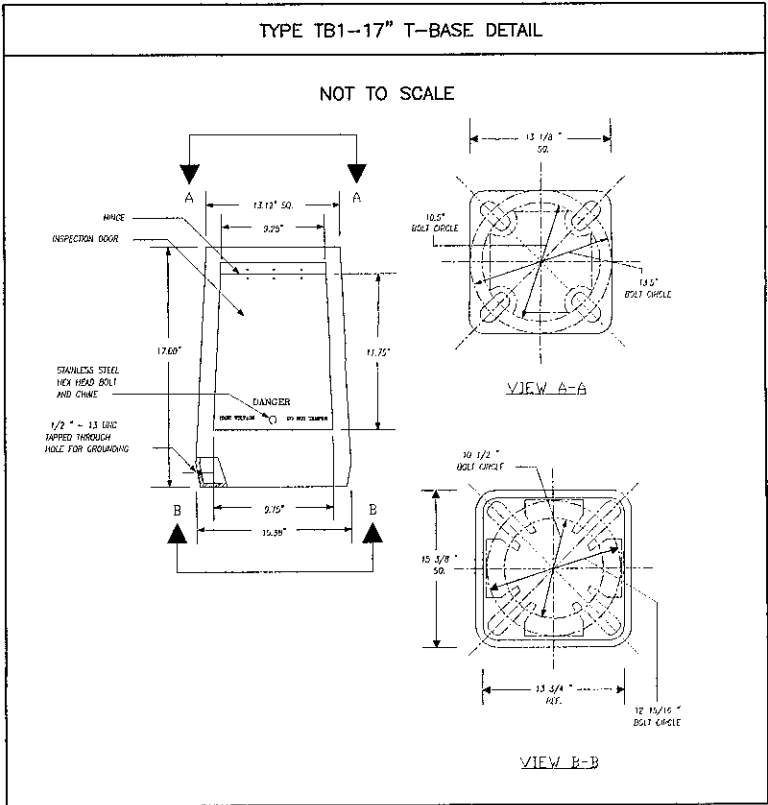
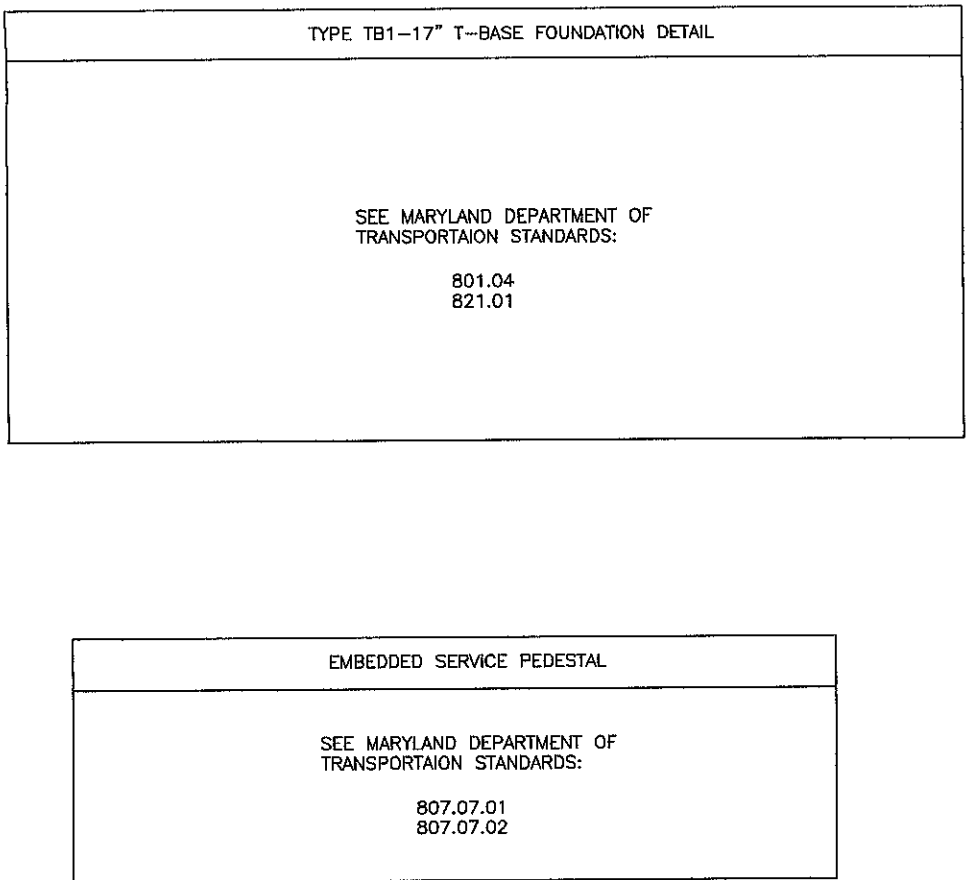
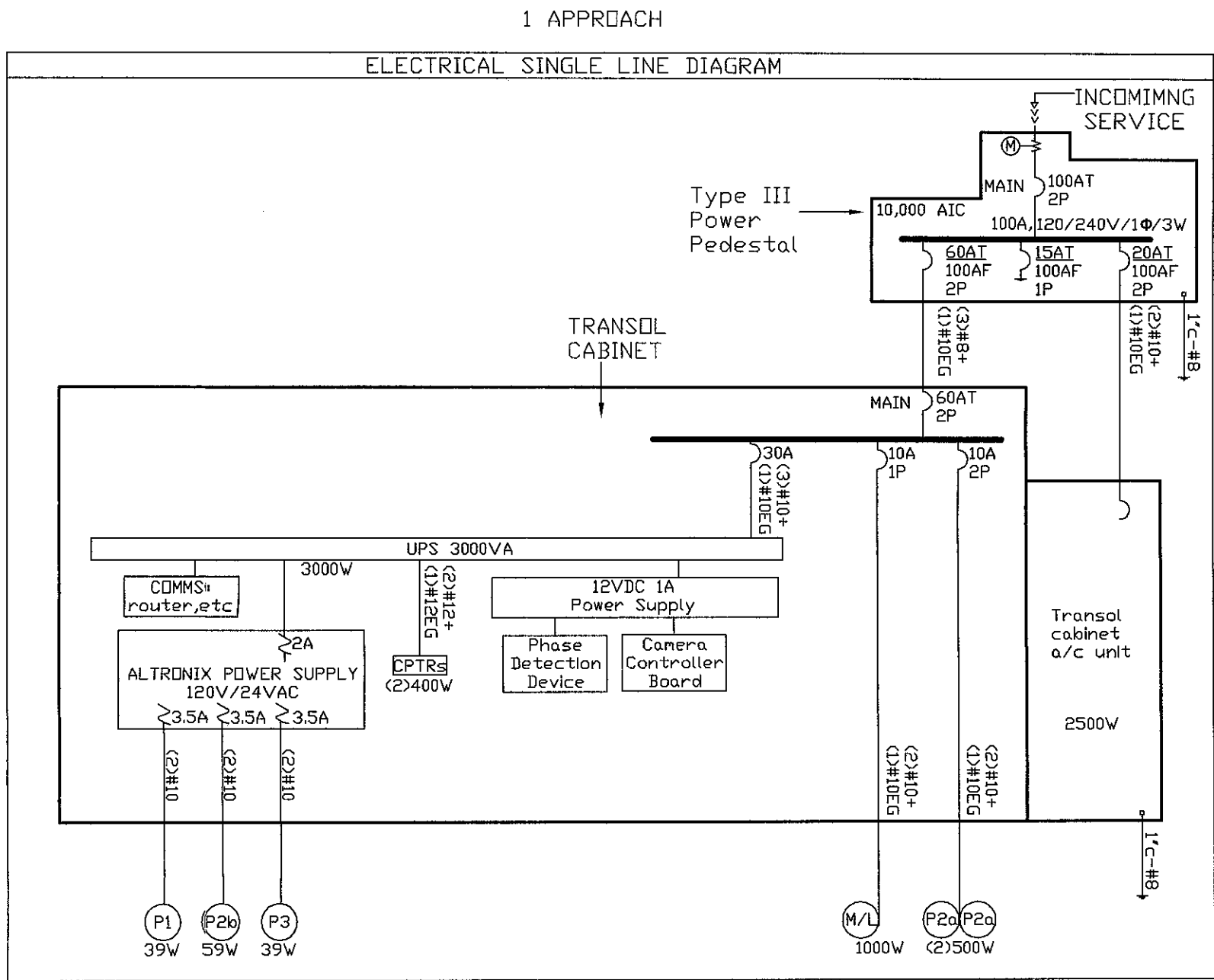
- [A] CONTRACTOR TO HAVE A BUSINESS LICENSE AND MEET ALL BONDING REQUIREMENTS.
- [B] CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS, LANE CLOSURE PERMITS FROM THE MARYLAND STATE HIGHWAY ADMIN. DISTRICT 3 UTILITY OFFICE
- [C] LANE CLOSURES AND TRAFFIC CONTROL TO MEET MARYLAND STANDARDS
- [D] CONTRACTOR TO CALL ALL UNDERGROUND SERVICES AS REQUIRED BY THE STATE OF MARYLAND PRIOR TO ANY UNDERGROUND WORK.
- [E] CONTRACTOR TO CONTACT MR. EDWARD RODENHILZER AT 410-787-7652 (SIGNAL SHOP) AND MR. RICHARD BAKER (INSPECTION) AT 410-787-7643 AT LEAST SEVENTY-TWO HOURS PRIOR TO STARTING ANY WORK TO COORDINATE WORK, AND STAKE OUT EQUIPMENT.
- [F] CONTRACTOR TO CONTACT SIGNAL SHOP AT 410-787-7650 TO HAVE SIGNAL EQUIPMENT MARKED PRIOR TO STARTING CONSTRUCTION
- [G] ANY WIRES ASSOCIATED WITH THE RED LIGHT CAMERA SYSTEM MUST BE PLACED IN AN ORANGE PROTECTIVE SLEEVE WHERE SHARED SHA FACILITIES ARE USED.
- [H] EACH POLE TO PROVIDE GROUNDING TO TRANSOL EQUIPMENT.
- [I] FINAL POLE AND CABINET LOCATIONS TO BE APPROVED IN THE FIELD BY THE ENGINEER.
- [J] EDGE OF ALL POLES SHALL BE NO CLOSER THAN 3' TO THE CURB AND GUTTER
- [K] REMOVE ALL PRIOR RLC FOUNDATIONS & CONDUCTORS UNLESS USED BY THIS TRANSOL SYSTEM

TRANSOL CONSTRUCTION NOTES

- [1] INSTALL TRANSOL CONTROL CABINET AND FOUNDATION. INSTALL $\frac{3}{8}$ "x 8' GROUND ROD AND BOND TO CABINET WITH #6 BARE GROUND. SEE CABINET FOUNDATION DETAIL ON SHEET 2.
- [2] CONTRACTOR SHALL TERMINATE ALL POWER CIRCUITS INTO TRANSOL CABINET.
- [3] INSTALL SHA PHASE WIRES FROM CONTROLLER TO TRANSOL CABINET.
- [4] INSTALL NEW POWER PEDESTAL FOR TRANSOL & SHA POWER. COORDINATE METER WITH POWER COMPANY FOR HOOKUP. GROUND WITH 3/4"x 8' GROUND ROD AND BOND TO PEDESTAL WITH #6 GROUND.
- [5] CONNECT TRANSOL CABINET TO POWER SERVICE, USING 60AMP BREAKER AT BOTH ENDS.
- [6] INSTALL JUNCTION BOX IN COMPLIANCE WITH STATE REGULATIONS AND STANDARDS.
- [7] INSTALL FOUNDATION AND POLE FOR TRANSOL EQUIPMENT WITH $\frac{3}{8}$ "x 8' GROUND ROD AND BOND TO POLE WITH #6 GROUND. SEE POLE SCHEDULE AND DETAIL.
- [8] INSTALL TRANSOL EQUIPMENT ON POLE, SEE POLE AND EQUIPMENT SCHEDULES.
- [9] CONDUIT TO BE BORED UNDER ROADWAY. IF BORING NOT PRACTICAL AND TRENCHING NECESSARY, SHA LOOPS WILL NEED TO BE REPLACED, CROSSWALKS RE-PAINTED, AND TRENCH RESURFACED WITH ASPHALT RUBBER HOT MIX PAVEMENT.
- [10] INSTALL GREEN AND RED LEDS, APPROVED BY SHA AND MODIFY SIGNAL HEAD VISOR IF NECESSARY, SO SIGNAL HEAD IS VISIBLE TO TRANSOL CAMERA. CATALOG CUTSHEETS MUST BE APPROVED BY SHA PRIOR TO INSTALLATION
- [11] INSTALL 2" CONDUIT RISER ON COMCAST POLE, RISING 10', TO MATE WITH COMCAST INTERFACE. INSTALL DUCT SEAL TO PREVENT MOISTURE.
- [12] INSTALL CONNECTION FOR INTERNET SERVICE.
- [13] TERMINATE POLE TO TRANSOL CABINET POWER CIRCUIT #1 (HOT & NEUTRAL). CONNECT TO SOLID BARE BOND GROUND.
- [14] TERMINATE POLE TO TRANSOL CABINET POWER CIRCUIT #2 (HOT & NEUTRAL). CONNECT TO SOLID BARE BOND GROUND.
- [15] TERMINATE POLE TO TRANSOL CABINET POWER CIRCUIT #3 (HOT & NEUTRAL). CONNECT TO SOLID BARE BOND GROUND.
- [16] TERMINATE POLE TO TRANSOL CABINET POWER CIRCUIT #4 & #5 (HOT & NEUTRAL). CONNECT TO SOLID BARE BOND GROUND.

POLE SCHEDULE				
NO.	TYPE	HEIGHT	NEW/EXISTING	TRANSOL EQUIPMENT
①	BREAK-AWAY	15FT	N EXISTING FOUNDATION	(1) SCENE CAMERA ENCLOSURE
②	BREAK-AWAY	15FT	N EXISTING FOUNDATION	(5) PLATE CAMERA ENCLOSURES (2) IR ILLUMINATOR
③	TYPE 15	30 FT	N	(2) PRESENSE CAMERA ENCLOSURE

TRANSOL EQUIPMENT SCHEDULE			
TRANSOL EQUIP.	SKETCH	DIMENSIONS	POWER
SCENE, PRESENSE & PLATE CAMERA ENCLOSURE		H 2.25in W 2.63in L 17.75in	24V AC
IR ILLUMINATOR		6" DIAMETER FACE 13" OVER ALL LENGTH	220V AC



CONTACTS		
COMPANY	NAME	PHONE
Transol USA	Lary Chambers	310-903-2337
PEPCO	RICHARD CHILCOAT	310-967-5805
SHA	JEFFERY HENKEL	410-787-4046
COMCAST	JEFFERY MCLEOD	301-499-2930 EX5219
VERIZON	ERIC DAHL	301-595-6132

Red-light camera system is a product of:

Transol USA, inc.
1815 W. 205th Street
Suite 106
Torrance, CA 90501

Drawn By: JS	REVIEWED BY CITY STAFF		
Designed By: LC	DEPARTMENT	INITIAL	DATE
Checked by:	PUBLIC WORKS		
Recommended by:	PUBLIC WORKS		

APPROVED BY:	
PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE	
RECOMMENDED BY:	RECOMMENDED BY:
ASSISTANT DIRECTOR OF PUBLIC WORKS	PRINCIPAL CIVIL ENGINEER

CITY OF: RIVERDALE PARK		SHEET
RED-LIGHT PHOTO ENFORCEMENT AT THE INTERSECTION OF		2 OF 3 SHEETS
KENILWORTH AVE & RIVER ROAD		DRAWING NO. V2